

1 We claim:

2 1. A processor for processing native Dead Sea minerals into an ultra fine mineral
3 compound comprising:

4 a conical screen mill having an impeller;

5 a cold air source and regulator for regulating cold air into said impeller adjacent
6 said impeller;

7 a filter for filtering said air at said impeller comprising at least two filters and
8 adjacent said impeller; and

9 a collecting bin for collecting said ultra fine mineral compound once the native
10 Dead Sea minerals have been forced through said conical screen mill.

11 2. The processor for processing native Dead Sea minerals into an ultra fine mineral
12 compound of Claim 1 further comprising a nuisance collector for collecting
13 debris into a nuisance collection receptacle placed from said collecting bin.

14 3. The processor for processing native Dead Sea minerals into an ultra fine mineral
15 compound of Claim 2 further comprising a cover on said collecting bin for
16 closing said collecting bin to prevent the ultra fine particulate from escaping into
17 the air and to prevent the unnecessary accumulation of moisture in the ultra fine
18 minerals which would alter their chemical coordination.

19 4. The processor for processing native Dead Sea minerals into an ultra fine mineral
20 compound of Claim 3 wherein said at least two filters comprise a filter that
21 removes moisture and particulates and one filter that is a carbon filter.

1 *Subj. 5* A method of processing native Dead Sea minerals into an ultra fine mineral
2 compound using the processor of Claim 1 comprising the steps of:

3 transporting said native Dead Sea minerals into a processor comprising a conical
4 screen mill and with impeller;

5 applying and regulating cold dry air into said impeller;

6 filtering said air at said impeller with at least two filters; and

7 forcing said native Dead Sea minerals through said conical screen mill with said
8 impeller and into a collecting bin.

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10 6. The method of processing native Dead Sea minerals into an ultra fine mineral
11 compound of Claim 5 further comprising the step of collecting debris into a
12 nuisance collection system.

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14 7. The method of processing native Dead Sea minerals into an ultra fine mineral
15 compound of Claim 6 further comprising the step of closing the collecting bin
16 to prevent the ultra fine particulate from escaping into the air and to further
17 prevent the unnecessary accumulation of moisture in the ultra fine minerals
18 which would alter their chemical coordination.

19 *Subj. 8* 8. The method of processing native Dead Sea minerals into an ultra fine mineral
20 compound of Claim 7 wherein said at least two filters comprise a filter that
21 removes moisture and particulates and one filter that is a carbon filter.

9. The method of processing native Dead Sea minerals into an ultra fine mineral
compound of Claim 8 comprising the step of modifying the room atmosphere in

1 which the processing occurs with a temperature no higher than 78 degrees with
2 cool, dry positive pressure.

3 10. A chemical composition for application to the skin comprising a mixture of at
4 least 50% of the processed Dead Sea mineral particles in a continuous all-
5 natural carrier medium wherein said Dead Sea mineral particles do not rapidly
6 settle out of said carrier medium.

7 11. The chemical composition for application to the skin of Claim 12 wherein said
8 continuous all-natural carrier medium comprises palm oil.

9 12. The chemical composition for application to the skin of Claim 11 further
10 comprising an essential oil blend.

11 13. Processed Dead Sea minerals, 100 % of which comprising a granularity of less
12 than 10 mesh and 100% less than 1.0mm.

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